

8-29-3



130436/GETS 5313.1  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Ajith K. Kumar et al.

Group Art Unit To Be Assigned

Serial No. 10/606,722

Filed June 26, 2003

Confirmation No. To Be Assigned

For RAILWAY TRAIN FRICTION MANAGEMENT AND CONTROL SYSTEM AND  
METHOD

August 28, 2003

COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VIRGINIA 22313-1450

SIR:

**INFORMATION DISCLOSURE STATEMENT**

In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and in compliance with the  
duty of disclosure set forth in 37 C.F.R. 1.56, applicants submit copies of the references listed on  
\* the attached PTO/SB/08A for consideration by the Patent and Trademark Office in the above-  
entitled application and to be made of record therein.

Respectfully submitted,

William E. Lahey, Reg. No. 26,757  
SENNIGER, POWERS, LEAVITT & ROEDEL  
One Metropolitan Square, 16th Floor  
St. Louis, Missouri 63102  
(314) 231-5400

WEL/dfw

\*Attachments

Express Mail Label No. EV 327056562 US

PTO/SB/08A

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/606,722
Filing Date	June 26, 2003
Confirmation Number	To Be Assigned
First Named Inventor	Ajith K. Kumar
Group Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket No.	130436/GETS 5313.1

2

of

4

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
	1	4,230,045		Fearon, Joseph G.	10-28-1980
	2	4,634,545		Zaleski, Peter L. et al.	01-06-1987
	3	4,726,448		Schroeder, Roger L. et al.	02-23-1988
	4	4,781,121		Kumar, Sudhir et al.	11-01-1988
	5	4,915,856		Jamison, Warren E.	04-10-1990
	6	4,930,600		Kumar, Sudhir et al.	06-05-1990
	7	4,992,568		Larock, Richard C.	02-12-1991
	8	5,060,335		Webster, Richard	10-29-1991
	9	5,086,591		Panetti, Romolo	02-11-1992
	10	5,134,808		Panetti, Romolo	08-04-1992
	11	5,158,694		Waynick, John Andrew	10-27-1992
	12	5,173,204		Chiddick, Kelvin S. et al.	12-22-1992
	13	5,251,724		Szatkowski, James G. et al.	10-12-1993
	14	5,358,072		Szatkowski, James G. et al.	10-25-1994
	15	5,477,941		Kumar, Sudhir et al.	12-26-1995
Examiner Signature				Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

PTO/SB/08A

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)


**Complete if Known**

Application Number	10/606,722
Filing Date	June 26, 2003
Confirmation Number	To Be Assigned
First Named Inventor	Ajith K. Kumar
Group Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket No.	130436/GETS 5313.1

3

of

4

16	5,492,642		Mulvihill, Mark A. et al.	02-20-1996
17	5,687,814		Craig, Jeffrey P. et al.	11-18-1997
18	5,722,509		Clinger, Daniel Clifton	03-03-1998
19	5,726,448		Smith, Steven Joel	03-10-1998
20	5,775,228		Lamba, Harinder Singh et al.	07-07-1998
21	5,896,947		Kumar, Sudhir	04-27-1999
22	5,919,295		Lamba, Harinder Singh et al.	07-06-1999
23	5,992,568		Craig, Jeffrey P. et al.	11-30-1999
24	6,073,346		Runkle, Joseph C.	06-13-2000
25	6,136,757		Chiddick, Kelvin	10-24-2000
26	6,170,610	B1	Kumar, Sudhir	01-09-2001
27	6,186,411	B1	Sich, Gary M.	02-13-2001
28	6,199,661	B1	Kumar, Sudhir	03-13-2001
29	6,254,696	B1	Ueda, Masaharu et al.	07-03-2001
30	6,276,281	B1	Mesalic, Admir et al.	08-21-2001

**Examiner  
Signature**
**Date  
Considered**

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

PTO/SB/08A				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Application Number	10/606,722
				Filing Date	June 26, 2003
				Confirmation Number	To Be Assigned
				First Named Inventor	Ajith K. Kumar
				Group Art Unit	To Be Assigned
				Examiner Name	To Be Assigned
Sheet	4	of	4	Attorney Docket No.	130436/GETS 5313.1

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			

OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.